USSN 10/042,237
Art Unit 2644

Amendments to Specification

Please replaced paragraph [0037] with the following amended paragraph:

— [0037] Now the terms in the mixing matrix can be vectors. We further impose the condition that H have the following form:

$$H = \begin{bmatrix} H_{0,0} & 1 \\ H_{1,0} & 0 \end{bmatrix} --$$

Please replaced paragraph [0038] with the following amended paragraph:

— [0038] With H defined in this way, it is now possible to connect the terms in the preceding equations with the parameters available in the echo canceller layout shown in Figure 1. Let

S_0 = echo source signal = R_{IN} = $u[n]$

S_1 = ~~doub~~ edouble-talk signal

$H_{0,0}$ = echo path

$H_{1,0}$ = LMS filter coefficients = $\hat{w}[n]$

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